

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application Number 10/071,198

**Please delete the present Abstract of the Disclosure and replace it with the following
Abstract of the Disclosure.**

A vehicle navigation method and system employing echo or doppler analysis to provide autonomous or enhanced navigational capabilities by correlating stored scene information with echo analysis information derived from an Active Traveling-Wave Device (ATWD) output representing information concerning the vehicle's state and velocity vectors with respect to a mapped scene.